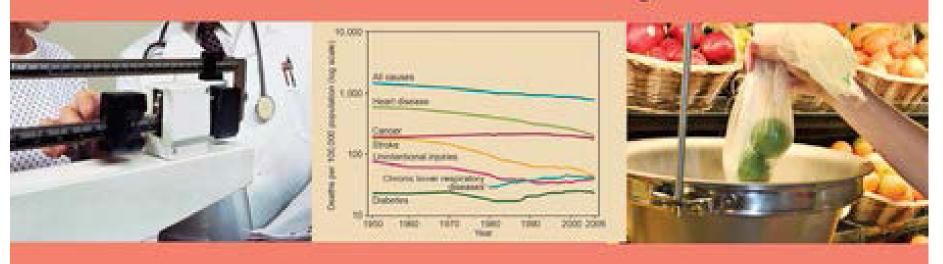
Advances in Data Technology

Bob Phillips, MD MSPH
NCVHS and Population Health Subcommittee
American Board of Family Medicine

FOR THE PUBLIC'S HEALTH

The Role of Measurement in Action and Accountability



NAM 2011

RECOMMENDATIONS

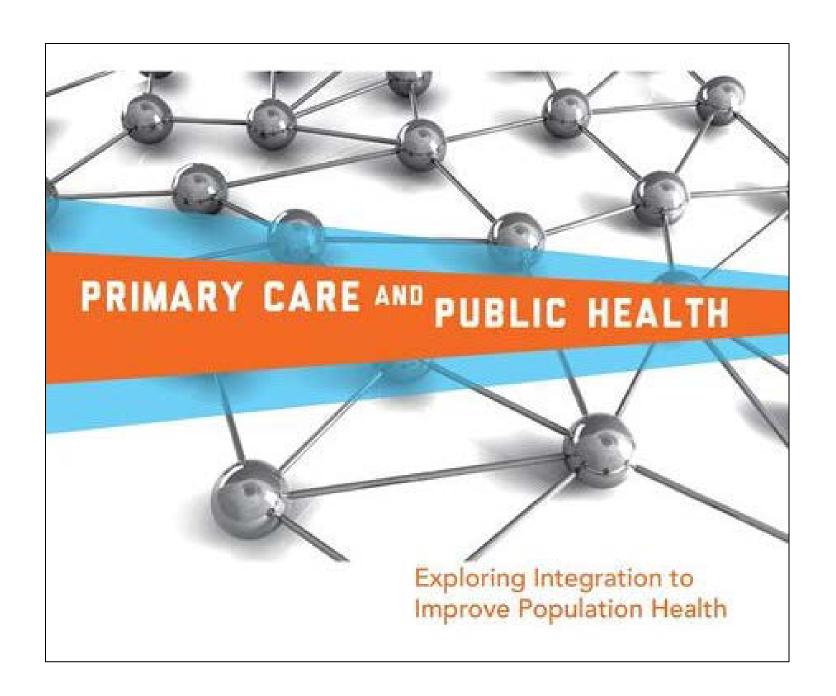
Recommendation 1

The Secretary of Health and Human Services
 transform the mission of the National Center for
 Health Statistics to provide leadership to a renewed
 population health information system through
 enhanced coordination, new capacities, and better
 integration of the determinants of health

RECOMMENDATIONS

Recommendation 2

- The committee recommends that the Department of Health and Human Services support and implement the following to integrate, align, and standardize health data and health-outcome measurement at all geographic levels:
 - A core, standardized set of indicators that can be used to assess the health of communities.
 - A core, standardized set of health-outcome indicators for national, state, and local use.
 - A summary measure of population health that can be used to estimate and track health-adjusted life expectancy for the United States.



NAM 2012

Recommendation 1

To link staff, funds, and data at the regional, state, and local levels, HRSA and CDC should: (Bullet 3)

 join efforts to undertake an inventory of existing health and health care databases and identify new data sets, creating from these a consolidated platform for sharing and displaying local population health data that could be used by communities

This platform could ensure that communities can use these data in assessments, intervention planning, and evaluation. The platform would not be "owned" by primary care or public health, but would constitute local neutral space where both sectors could come together to use data that would support the achievement of better health outcomes.

INSTITUTE OF MEDICINE

OF THE NATIONAL ACADEMIES

Agency for Toxic Substances and Disease Registry (ATSDR) Social Vulnerability Index

• U.S. Census and American Community Survey variables at tract level (~74k tracts 2010)

• to help local officials <u>identify communities that may need</u> <u>support in preparing for hazards</u>, or recovering from disaster

 The SVI ranks each tract on 14 social factors, including poverty, lack of vehicle access, and crowded housing, and groups them into four related themes Agency for Toxic Substances & Disease Registry

A-Z Index A B C D E F G H I J K L M N O P Q R S T U V W X Y Z #

The Social Vulnerability Index (SVI)

What is the SVI?

Social vulnerability refers to the resilience of communities when confronted by external stresses on human health, stresses such as natural or human-caused disasters, or disease outbreaks. Reducing social vulnerability can decrease both human suffering and economic loss. ATSDR's Social Vulnerability Index uses U.S. census variables at tract level to help local officials identify communities that may need support in preparing for hazards, or recovering from disaster.





SVI Mapping

Check the social vulnerability of your community

Zip code: *

Submit

News

Data for SVI 2014 now available!

SVI Community

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SVI Topics



Fact Sheet 5 Learn about Social Vulnerability, the SVI, and its uses.



Data and Tools Download Download 2014, 2010, or 2000 SVI data and geoprocessing tools.



articles and materials produced by the CDC or our partners.



Interactive Map Click through to select a theme, location, layers (hospitals, etc.), and tract info. Export or print your customized map.



Prepared County Maps View, save, and print SVI maps showing overall social vulnerability and the four themes at the census tract level for any county.



Other Social Vulnerability Resources Review websites, citations, and other resources of interest.



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The Social Vulnerability Index (SVI)

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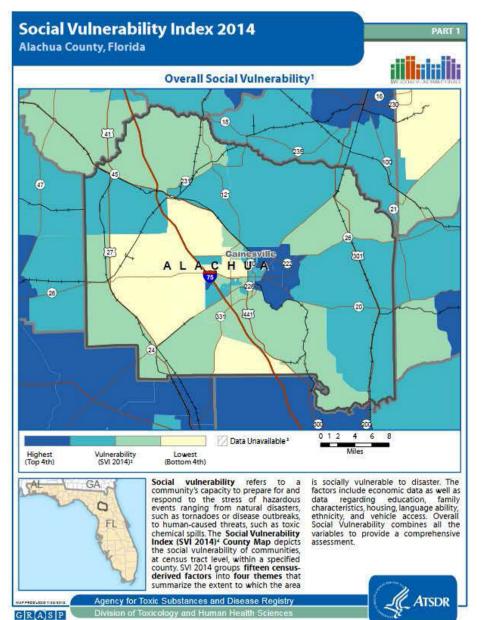
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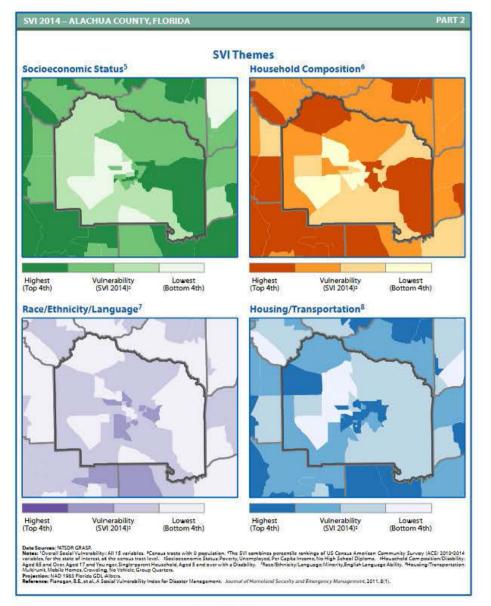
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Agency for Toxic Substances & Disease Registry

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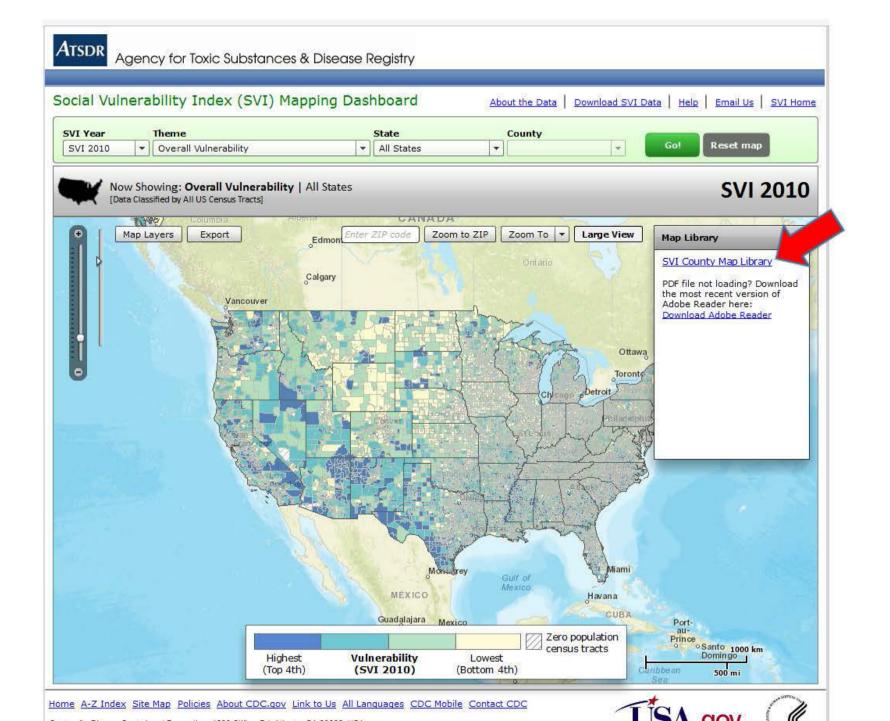
The Social Vulnerability Index (SVI)



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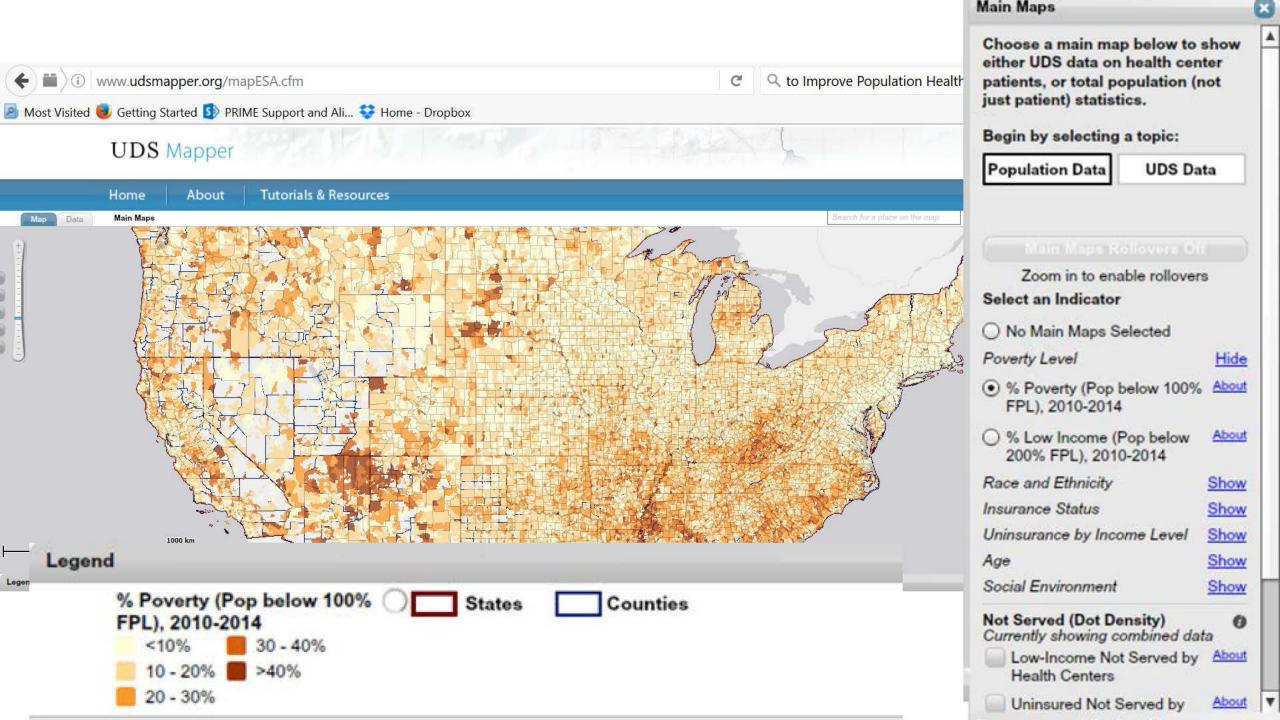
The UDS Mapper (Uniform Data Set)

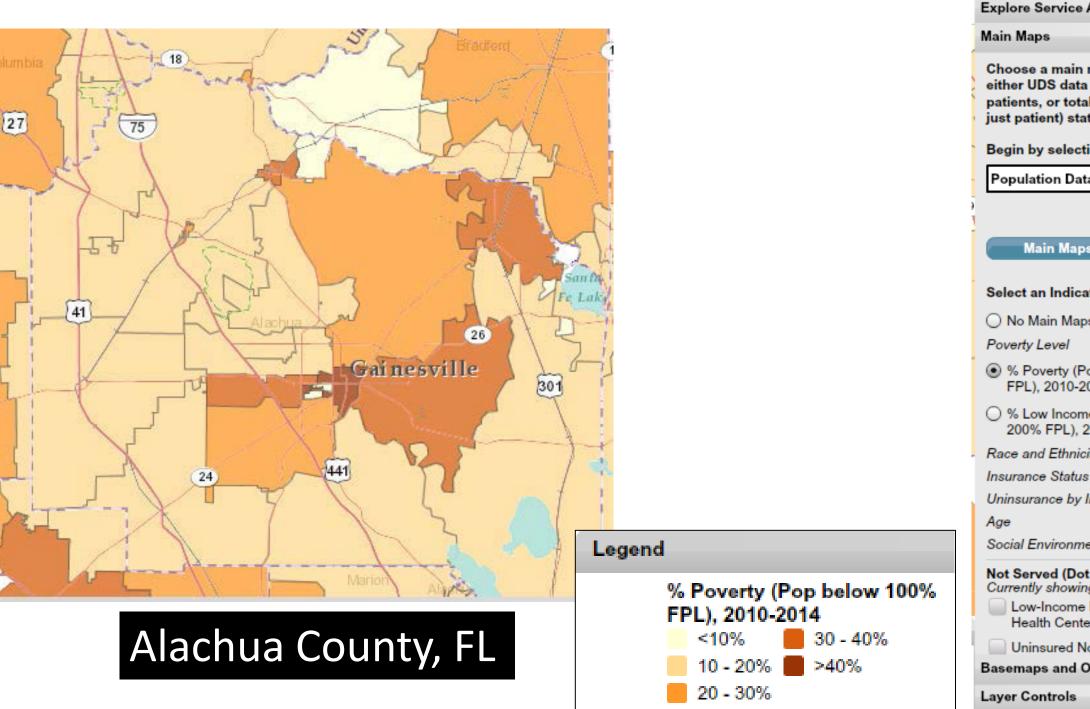
About the UDS Mapper

The UDS Mapper is the result of a HRSA-funded project directed by the Robert Graham Center.

Project Background

It is essential that HRSA, BPHC, and health center organizations have access to tools and data that can assist in evaluating the geographic reach, penetration, and growth of the Section 330-funded Health Center Program (HCP) and its relationship to other federally-linked health resources. As such, HRSA, John Snow, Inc. and the Robert Graham Center have collaborated to develop a mapping and decision-support tool driven primarily from data within the Uniform Data System (UDS), previously not publicly accessible at the local level.





Explore Service Area Tool

Main Maps

Choose a main map below to show either UDS data on health center patients, or total population (not just patient) statistics.

Begin by selecting a topic:

Population Data

UDS Data

Main Maps Rollovers On

Select an Indicator

No Main Maps Selected

Poverty Level

Hide

% Poverty (Pop below 100%)

FPL), 2010-2014

% Low Income (Pop below) 200% FPL), 2010-2014

Race and Ethnicity

Show Show

Show

Show

Uninsurance by Income Level

Age

Social Environment

Show

Not Served (Dot Density)

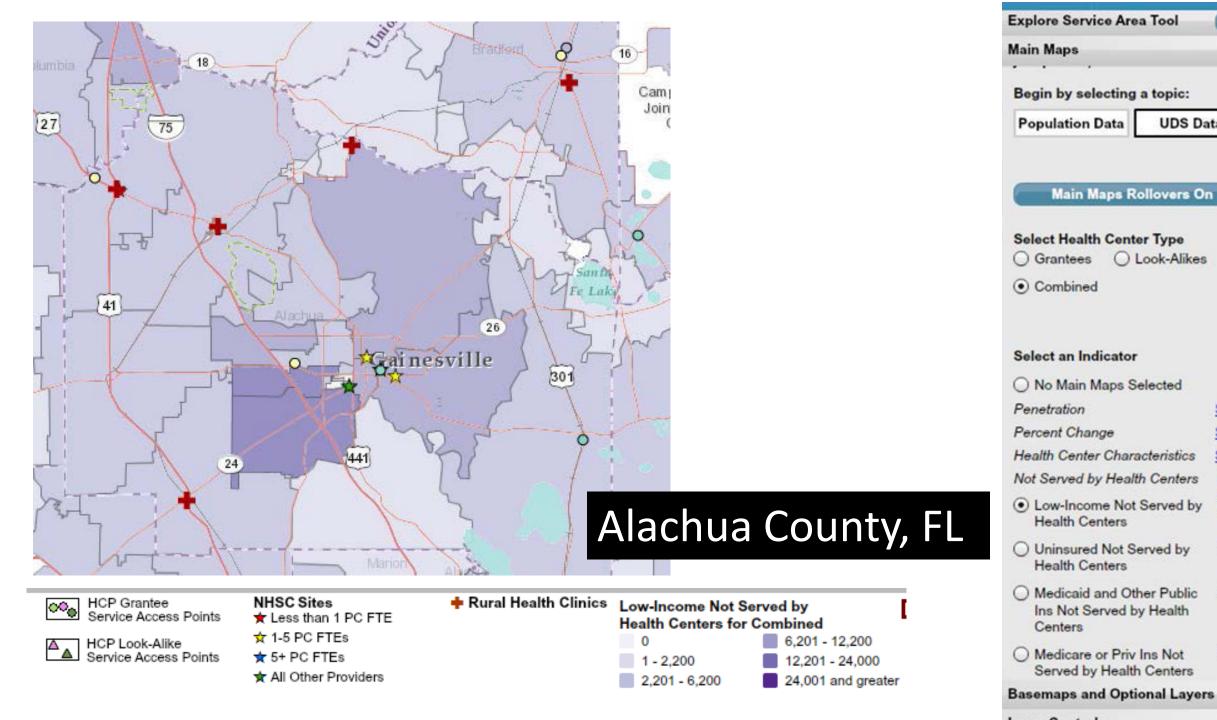
Currently showing combined data

Low-Income Not Served by Health Centers

Uninsured Not Served by

Basemaps and Optional Layers

Layer Controls



GOB

Show

Show

Show

Hide

About

About

About

About

UDS Data

In Summary, this workshop could lead to...

renewed population health information system

 A core, standardized set of indicators that can be used to assess the health of communities, including health-outcome indicators, and a summary measure of population health

 consolidated platform for sharing and displaying local population health data that could be used by communities